

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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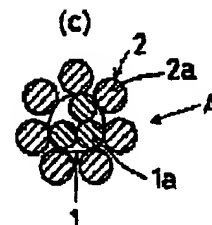
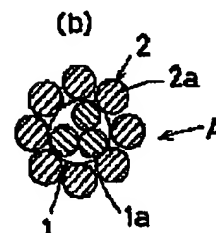
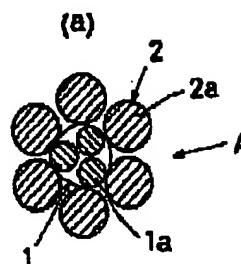
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TITLE : METALLIC CORD, ITS PRODUCTION  
AND RUBBER COMPOSITE USING  
THE SAME CORD



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a metallic cord enhanced in corrosion resistance by maintaining the uniformity in compounding with a rubber, uniformizing the rigidity in the longitudinal direction and simultaneously making the rubber sufficiently penetrate even into the interior of a core.

**SOLUTION:** This metallic cord is obtained by forming interstices in a tightened lay state among at least the greater number of metallic filaments in those constituting a single sheath 2 in a two-ply laid metallic cord, making the helical wavy kinkiness remain in the direction opposite to the lay of the metallic filaments (2a) in three to four metallic filaments (1a) for the core and regulating the average lay pitch (pm) after completing the cord of the core 1 to preferably  $\geq 50\text{mm}$ . Thereby, the relationship of  $pm > P$  is satisfied when the lay pitch of the single sheath is P and the resultant cord is capable of sufficiently penetrating rubber even into the interior of the core in spite of a circular cross section.

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